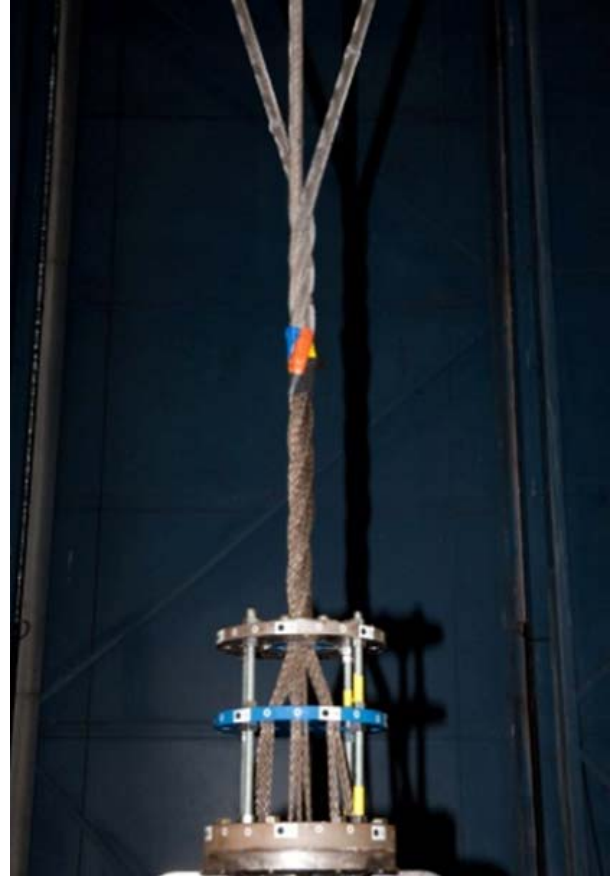
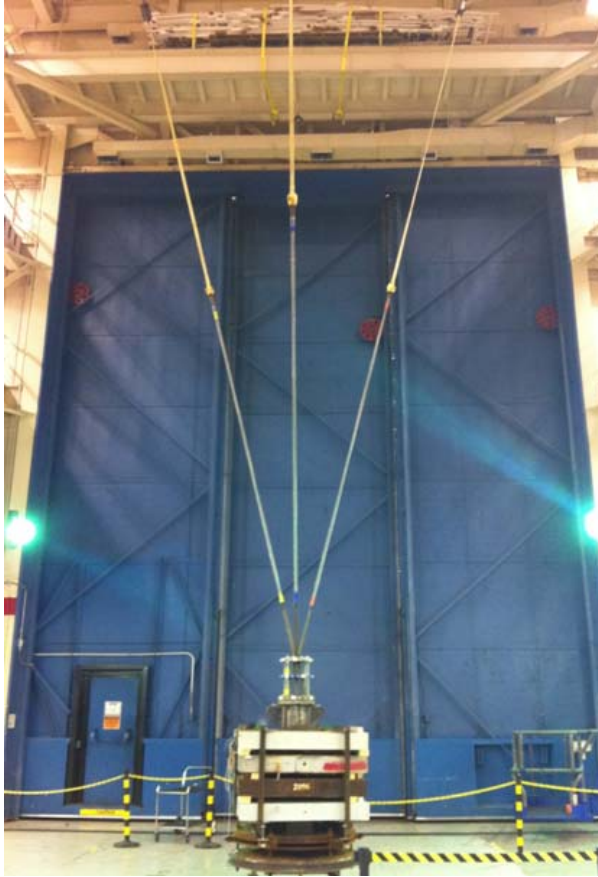


The Crew Module Ground Test Article has arrived at the Lockheed Martin Waterton facility in Denver, Co.

The Ground Test Article left the Michoud Assembly Facility in New Orleans, Louisiana last Thursday and arrived at the Waterton facility ahead of schedule on Saturday night.





The first round of testing of the full scale CEV Parachute Assembly System XLT-4 Torque Test has been completed at the Johnson Space Center in Houston, Tx.

The testing used the same type of steel risers (a group of wire strands formed into a cable that connect the parachutes to the crew module structure) that will be used on the flight ready vehicle. The testing provides data on how much torque is created when/if the risers twist as the Orion descends under the main parachutes.

This data along with drop test data, is then used to determine how much thrust the Reaction Control System (RCS) thrusters will need to provide to counteract the natural torquing that occurs, and keep the crew module oriented properly for landing. The results of this testing will be analyzed in detail and discussed at an Engineering Review Board (ERB) scheduled for next month.

